AUG 2 4 2004 8

## PART B - FEE(S) TRANSMITTAL

## SEST AVAILABLE COPY

Complete and wind this form, together with applicable fee(s), to: Mall or Fax

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and motification of maintenance fees will be realled to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fees outflications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Blook I for any change of address)

7590

08/02/2004

Office Of Counsel Naval Undersea Warfare Center Division Bldg 112T 1176 Howell Street Newport, RI 02841-1708 Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmitted. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an estigomest or formal drawing, must have its own certificate of mailing or transmission.

Cartificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmisted is being deposited with the United
States Postal Service with sufficient postage for first class mail in an envelope
addressed to the Mail Stop ISSUE FEE address above, or being facsimile
transmitted to the USPTO (703) 745-4000, on the date indicated below.

James M. Kasischke (Depublier's name)

application no.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,829	09/18/2003	Fletcher A. Blackmon	82985	8897

TITLE OF INVENTION: ITERATIVE DECISION FEEDBACK ADAPTIVE EQUALIZER

	SMALL ENTITY	ISSUE FEB		PUBLICATION FEB	TOTAL PEE(S) DUE		DATE DUE
nonprovisional	NO	\$1330		. \$0	\$1330		11/02/2004
EXAMINER		ART UNIT		CLASS-SUBCLASS	7		
LOBO, IAN J		3662		367-134000			
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  O Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  O "Fee Address" indication (or "Fee Address" indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON			2. For printing on the patent front page, list  (1) the names of up to 3 registered patent automeys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			Michael E Oclo	
PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNE	an assignee is identified by 37 CFR 3.11. Completion:	elow, no assignee de of this form is NOT a	ta will op: substituic	ear on the patent. If an assign for filing an assignment,		l below, the d	ocument has been filed for
recordation as set forth in (A) NAME OF ABSIGNE	37 CPR 3.11. Completion:			lear on the patent. If an assign for filing an assignment, CE: (CITY and STATE OR CO)		l below, the d	ocument has been filed

Please check the appropriate assignee category or categories (will ant						
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):					
Liste Fes	A check in the amount of the fee(s) is enclosed.					
O Publication Fee (No small entity discount permitted)	Payment by credit card, Form PTO-2038 is attached.					
Advance Order - # of Copies 10	The Director is hereby authorized by charge the required (eq(s), or credit any overpayment, to Deposit Account Number 14 - (enclose an extra copy of this form).					
5. Change in Entity Status (from status indicated above)	(where the coupy of that likely).					
🗅 a. Applicant claims SMALL ENTITY status. Sec 37 CFR 1.27.	Ob. Applicant is not claiming SMALL ENTITY states. Sec. e.g., 37 CFR 1.27(g)(2).					
The Director of the USPTO is requested to apply the Issue For and Put NOTE: The Issue Fee and Publication Fee (if provided will not be see	plication Fee (If any) or to meapply any proviously paid issue fee to the application identified above.					

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered atterney or agent; or the assignee or other pasty in Austria (Date)

Austria (Date)

Austria (Date)

Austria (Date)

Austria (Date)

James M. Kasischke

If Woulteston of information is required by 37 CFR 1.311. The information is required to obtain or rotain a benefit by the public which is to file (and by the USPTO to process) as application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is calimated to take 12 minutes to complete, including gathering, preparing, and this form and/or suggestions for reducing this burden, should be sent to the USPTO. Time will vary depending upon the individual case. Any commands on the amount of time you require to complete flow in the sum of time you require to complete flow 1.25 Patients of Commander, U.S. Department of Commerce, U.S. Department of Co

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (Rev. 07/04) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Tradement Office; U.S. DEPARTMENT OF COMMERCE

/25/2004 AWONDAF2 00000037 140590 10666829

01 FC:1501 1330.00 DA 02 FC:8001 30.00 DA